SCS 1201
Data Structures and Algorithms
Assignment – IV

- Implement a program in C using a queue for the LRU page replacement algorithm.

```
Enter number of empty slots: 4
Enter number of pages: 13
Enter reference string: 7 0 1 2 0 3 0 4 2 3 0 3 2

7        -1        -1        -1
7         0        -1        -1
7         0         1        -1
7         0         1         2
7         0         1         2
7         0         1         2
3         0         1         2
3         0         1         2
3         0         4         2
3         0         4         2
3         0         4         2
3         0         4         2
3         0         4         2
3         0         4         2

Total Page Faults = 6
--------------------------------
```